



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PATENT APPLICATION OF: MOHARRAM, Omayma EL-SAYED

SERIAL NO: 10/668,133

ART UNIT: 3629

FILING DATE: 09/24/2003

SUBJECT: TOOL AND METHOD FOR OPERATIONS, MANAGEMENT, CAPACITY,
AND SERVICES BUSINESS SOLUTION FOR A
TELECOMMUNICATIONS NETWORK

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Dear Sir:

INFORMATION DISCLOSURE AND PRIORITY BENEFITS

The undersigned respectfully submits the following for consideration in respect of the examination of the above-identified application and for claiming the priority benefits:

1. Information disclosure statement, (a copy of the publication is attached); and
2. Priority data sheet, (a certified copy of the Canadian's application is attached).

Yours truly,

Omayma Moharram, Ph.D., P.Eng.
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PTO/SB/02B (08-03)

Approved for use through 08/31/2003, OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION – Supplemental Priority Data Sheet**Foreign applications:**

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
2,440,173	CANADA	09/04/2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(21) 2 440 173

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CANADIAN PATENT APPLICATION

(13) A1

(22) Date de dépôt/Filing Date: 2003/09/04

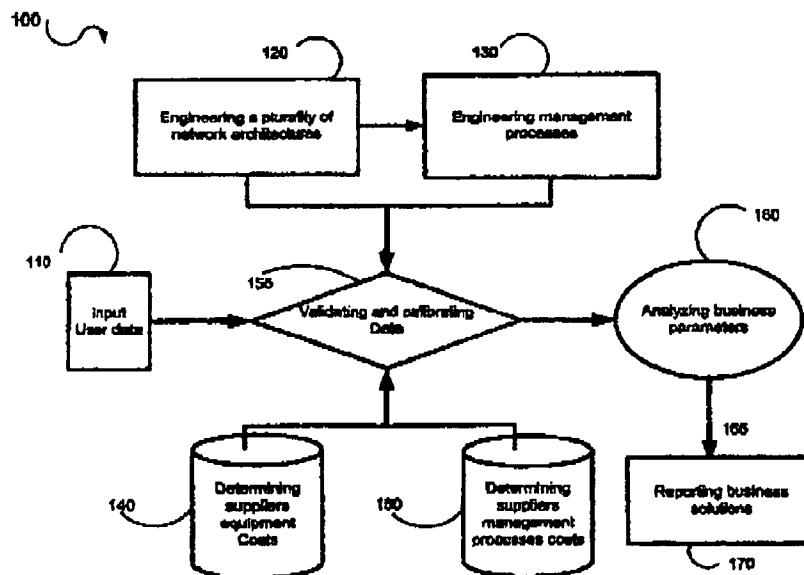
(41) Mise à la disp. pub./Open to Public Insp.: 2005/03/04

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(71) Demandeur/Applicant:
MOHARRAM, OMayMA E., CA

(72) Inventeur/Inventor:
MOHARRAM, OMayMA E., CA

(54) Titre : OUTIL ET METHODE APPORTANT UNE SOLUTION COMMERCIALE D'EXPLOITATION, DE GESTION, DE
CAPACITE ET DE SERVICES POUR UN RESEAU DE TELECOMMUNICATIONS
(54) Title: TOOL AND METHOD FOR OPERATIONS, MANAGEMENT, CAPACITY, AND SERVICES BUSINESS
SOLUTION FOR A TELECOMMUNICATIONS NETWORK



(57) Abrégé/Abstract:

An operations, management, capacity, and services (OMCS) tool and method are presented for analyzing business parameters for a plurality of network architectures; and comparing the business parameters for said network architectures for determining cost savings of one network architecture versus another and for determining a business solution that articulates the network architecture for reducing total expenditure. The business parameters comprise capital expenditure (CAPEX), operational expenditure (OPEX), total expenditure, revenue, capacity, return on investment (ROI), and other business and financial statistics. The OMCS tool and method determine the business solution for an owned, a leased, or partially owned and leased telecommunications network. The business solution further comprises network architecture having network elements (NEs), customer premise equipment (CPE), and links from the same or different equipment suppliers; and having network, service, and customer management processes from the same or different management processes suppliers.

Canada

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PTC/SB/DA 08-030

Approved for use through 07/31/2015. OMB 0551-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for Form 1445-PTD

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

What are some signs of dementia?

Sheet	1	of	2
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Complete If Known

Application Number	10/668,133
Filing Date	09/24/2003
First Named Inventor	Omayma E. Mohamam
Art Unit	3629
Examiner Name	/Debra Antonienko/
Attorney Docket Number	

[illegible][illegible]

Examiner Signature	/Debra Antonienko/	Date Considered	01/30/2008
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EXAMPLE: Indicate if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered, include copy of this form with need communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Code of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard 87.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard 87.18 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1488, Alexandria, VA 22313-1488.

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Complete It Known

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/666,133
Filing Date	09/24/2003
First Named Inventor	Omayma E. Moharram
Art Unit	3629
Examiner Name	/Debra Antonienko/
Attorney Docket Number	

[illegible]

Examiner Signature	/Debra Antonienko/	Date Considered	01/30/2008
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EXAMINER: Initialed if reference considered, whether or not citation is in conformance with MPEP 801. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (applicant). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1458, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1458, Alexandria, VA 22313-1458.

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